

SEQUENCE LISTING

<110> Polverino, Anthony J.
Luethy, Roland

<120> Secreted Epithelial Colon Stromal-1 Molecules and Uses
Thereof

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<170> PatentIn Ver. 2.0

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<211> 744

<212> DNA

<213> Mus musculus

<220>

<221> CDS

<222> (38) .. (274)

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tcc ggt ctg ctc tgc atg ctg ctc ctc tgt ttc tgc att ttc tcc tca 103
Ser Gly Leu Leu Cys Met Leu Leu Leu Cys Phe Cys Ile Phe Ser Ser
10 15 20

gaa ggg aga aga cat cct gcc aag tcc ttg aaa ctc agg cgc tgc tgt 151
Glu Gly Arg Arg His Pro Ala Lys Ser Leu Lys Leu Arg Arg Cys Cys
25 30 35

cac cta tct cct aga tcc aag ctg aca acc tgg aaa gga aac cac aca 199
His Leu Ser Pro Arg Ser Lys Leu Thr Thr Trp Lys Gly Asn His Thr
40 45 50

agg ccc tgc aga ctc tgc aga aac aag cta cca gtc aag tca tgg gtg 247
Arg Pro Cys Arg Leu Cys Arg Asn Lys Leu Pro Val Lys Ser Trp Val
55 60 65 70

gtg cct ggg gct ctc cca cag ata tag ggctctctcc gccagatga 294
Val Pro Gly Ala Leu Pro Gln Ile
75

agcggttgatg cccagatgtg gagacaccag aagcatacac actatgttgc cttgccccctt 354

gccaatgagc tgtgacactg gaatgcttca cttcagacat cagggcggat ggattgcaga 414

attccaagtc ctcattccaa aggtgtcacc aaccttcaga gtcactaagg tccagggtca 474

gcccacaagt caccatggct cctccagagt aaaagtccaa gattccacct gtgggagcta 534
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<212> PRT
<213> Mus musculus

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35 40 45
Trp Lys Gly Asn His Thr Arg Pro Cys Arg Leu Cys Arg Asn Lys Leu
50 55 60
Pro Val Lys Ser Trp Val Val Pro Gly Ala Leu Pro Gln Ile
65 70 75

<210> 3
<211> 54
<212> PRT
<213> Mus musculus

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Cys Arg Leu Cys Arg Asn Lys Leu Pro Val Lys Ser Trp Val Val Pro
35 40 45
Gly Ala Leu Pro Gln Ile
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<213> Homo sapiens

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<222> (29) .. (274)

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Leu Leu Cys Ile Leu Leu Leu Cys Phe Ser Ile Phe Ser Thr Glu Gly
10 15 20

aag agg cgt cct gcc aag gcc tgg tca ggc agg aga acc agg ctc tgc 148
Lys Arg Arg Pro Ala Lys Ala Trp Ser Gly Arg Arg Thr Arg Leu Cys
25 30 35 40

tgc cac cga gtc cct agc ccc aac tca aca aac ctg aaa gga cat cat 196
Cys His Arg Val Pro Ser Pro Asn Ser Thr Asn Leu Lys Gly His His
45 50 55

gtg agg ctc tgt aaa cca tgc aag ctt gag cca gag ccc cgc ctt tgg 244
Val Arg Leu Cys Lys Pro Cys Lys Leu Glu Pro Glu Pro Arg Leu Trp
60 65 70

gtg gtg cct ggg gca ctc cca cag gtg tag cactcccaaa gcaagactcc 294
Val Val Pro Gly Ala Leu Pro Gln Val
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<211> 81
<212> PRT
<213> Homo sapiens

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 Ser Gly Arg Arg Thr Arg Leu Cys Cys His Arg Val Pro Ser Pro Asn
 35 40 45
 Ser Thr Asn Leu Lys Gly His His Val Arg Leu Cys Lys Pro Cys Lys
 50 55 60
 Leu Glu Pro Glu Pro Arg Leu Trp Val Val Pro Gly Ala Leu Pro Gln
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 Val

<210> 6
 <211> 57
 <212> PRT
 <213> Homo sapiens

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 Cys His Arg Val Pro Ser Pro Asn Ser Thr Asn Leu Lys Gly His His
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 35 40 45
 Val Val Pro Gly Ala Leu Pro Gln Val
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<210> 7
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 <212> PRT
 <213> Rattus norvegicus

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 20 25 30
 Lys Leu Arg Pro Arg Cys His Leu Ser Pro Arg Ser Lys Pro Ile Thr
 35 40 45
 Trp Lys Gly Asn His Thr Arg Pro Cys Arg Pro Cys Arg Lys Leu Glu
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 Ser Asn Ser Trp Val Val Pro Gly Ala Leu Pro Gln Ile
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<212> DNA
<213> Homo sapiens

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<212> PRT

<213> Homo sapiens

<400> 9

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Phe Ser Ile Phe Ser Thr Glu
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<210> 10

<211> 30

<212> PRT

<213> Homo sapiens

<400> 10

Gly Lys Arg Arg Pro Ala Lys Ala Trp Ser Gly Arg Arg Thr Arg Leu
1 5 10 15

Cys Cys His Arg Val Pro Ser Pro Asn Ser Thr Asn Leu Lys
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<210> 11

<211> 28

<212> PRT

<213> Homo sapiens

<400> 11

Gly His His Val Arg Leu Cys Lys Pro Cys Lys Leu Glu Pro Glu Pro
1 5 10 15

Arg Leu Trp Val Val Pro Gly Ala Leu Pro Gln Val
20 25

<210> 12

<211> 11

<212> PRT

<213> Human immunodeficiency virus type 1

<400> 12

Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
1 5 10

<210> 13

<211> 15

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: internalizing
domain derived from HIV tat protein

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<210> 14

<211> 21

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: PCR primer
corresponding to human SECS-1

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<210> 15

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer
corresponding to human SECS-1

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<210> 16

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer
corresponding to murine SECS-1

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<210> 17

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer
corresponding to murine SECS-1

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<210> 18

<211> 42

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: PCR primer
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<210> 19

<211> 34

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: PCR primer
corresponding to human SECS-1

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<210> 20

<211> 37

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PCR primer
corresponding to human SECS-1

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<210> 21

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: SECS-1 antigen

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